

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Not for submission under 37 CFR 1.99)	Application Number		10597022	
	Filing Date		2007-06-18	
	First Named Inventor	Chen et al.		
	Art Unit	1625		
	Examiner Name	Taylor V. Oh		
Attorney Docket Number		22727/04418		

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NO/	6	FINNIN et al., "Structures of a histone deacetylase homologue bound to the TSA and SAHA inhibitors", Nature, 401, 188-193, 1999	<input type="checkbox"/>
	7	FUINO, et al, "Histone deacetylase inhibitor LAQ824 down-regulates Her-2 and sensitizes human breast cancer cells to trastuzumab, taxotere, gemcitabine, and epothilone B", Mol Cancer Ther, 2, 971-984, 2003	<input type="checkbox"/>
	8	FURUMAI et al., "Potent histone deacetylase inhibitors build from trichostatin A and cyclic tetrapeptide antibiotics including trapoxin", Proc Natl Acad Sci USA, 98: 87-92, 2001	<input type="checkbox"/>
	9	GROZINGER et al. "Deacetylase enzymes: biological functions and the use of small-molecule inhibitors", Chem Biol 9: 3-16, 2002	<input type="checkbox"/>
	10	JOHNSTONE, "Histone-deacetylase inhibitors: novel drugs for the treatment of cancer", Nat Rev Drug Discov, 1: 287-299, 2002	<input type="checkbox"/>
	11	KIJIMA et al., "Trapoxin, an antitumor cyclic tetrapeptide, is an irreversible inhibitor of mammalian histone deacetylase", J Biol Chem, 268, 22429-22435, 1993	<input type="checkbox"/>
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	13	LEA et al., "Discordant effects of butyrate analogues on erythroleukemia cell proliferation, differentiation and histone deacetylase", Anticancer Res. 15, 879-883, 1995	<input type="checkbox"/>
	14	LU, et al., "Zn2+-chelating motif-tethered short-chain fatty acids as a novel class of histone deacetylase inhibitors", J Med Chem, 47, 467-474, 2004	<input type="checkbox"/>
	15	MARKS et al. "Histone deacetylases and cancer: causes and therapies", Nat. Rev. Cancer 1: 194-202, 2001	<input type="checkbox"/>
	16	NAKAJIMA et al., "FR901228, a potent antitumor antibiotic, is a novel histone deacetylase inhibitor", Exp Cell Res 241, 126-133, 1998	<input type="checkbox"/>

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NO/	17	REMISZEWSKI et al., "Inhibitors of human histone deacetylase: synthesis and enzyme and cellular activity of straight chain hydroxamates" J Med Chem, 45, 753-757, 2002	<input type="checkbox"/>
	18	RICHON et al., "A class of hybrid polar inducers of transformed cell differentiation inhibits histone deacetylases", Proc Natl Acad Sci USA 95 3003-3007, 1998	<input type="checkbox"/>
	19	SHUTE et al., "Analogues of the cytostatic and antimitogenic agents chlamydocin and HC-toxin: synthesis and biological activity of chloromethyl ketone and diazomethyl ketone functionalized cyclic tetrapeptides", J Med Chem 30, 71-78, 1987	<input type="checkbox"/>
	20	STERNSON et al., "Synthesis of 7200 small molecules based on a substructural analysis of the histone deacetylase inhibitors trichostatin and trapoxin", Org. Lett. 3, pp. 4239-4242 (2001)	<input type="checkbox"/>
	21	VANOMMESLAEGHE et al., "Ab initio study of the binding of Trichostatin A (TSA) in the active site of histone deacetylase like protein (HDLP), Org Biomol Chem, 1, 2951-2957, 2003	<input type="checkbox"/>
	22	HAN et al., "Apicidin, a histone deacetylase inhibitor, inhibits proliferation of tumor cells via induction of p21WAF1/Cip1 and gelsolin", Cancer Res, 60, 6068-6074, 2000	<input type="checkbox"/>
	23	JUNG et al., "Amide analogues of trichostatin A as inhibitors of histone deacetylase and inducers of terminal cell differentiation", J Med Chem 42, 4669-4679, 1999	<input type="checkbox"/>
	24	KIM et al., "Inhibition of histone deacetylase increases cytotoxicity to anticancer drugs targeting DNA", Cancer Res 63, 7291-7300, 2003	<input type="checkbox"/>
	25	KIM et al., "Synthesis and Biological Evolution of 3-(4-Substituted-phenyl)-N-hydroxy-2-propenamides, a new class of histone deacetylase inhibitors", J of Medicinal Chemistry, American Chemical Society, vol. 46, no. 26, January 1, 2003, pp. 5745-5751	<input type="checkbox"/>
	26	KRAKER et al., "Modulation of histone acetylation by [4-(acetylamino)-N-(2-amino-phenyl) benzamide] in HCT-8 colon carcinoma", Mol Cancer Ther, 2, 401-408, 2003	<input type="checkbox"/>
	27	LU et al., "Efficacy of a Novel Histone Deacetylase Inhibitor in Murine Models of Hepatocellular Carcinoma", Hepatology, pp. 1119-1130, October 2007	<input type="checkbox"/>

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NO/	28	LUCAS et al., "The histone deacetylase inhibitor MS-275 induces caspase-dependent apoptosis in B-cell chronic lymphocytic leukemia cells", Leukemia, 18, 1207-1214, 2004	<input type="checkbox"/>
	29	MAEDA et al., "Potent histone deacetylase inhibitors: N-hydroxybenzamides with antitumor activities", Bioorganic & Medicinal Chemistry, vol. 12, no. 16, pp. 4351-4360, July 1, 2004	<input type="checkbox"/>
	30	MARKS et al. "Histone deacetylase inhibitors: inducers of differentiation or apoptosis of transformed cells", J Natl Cancer Inst, 92: 1210-1216, 2000	<input type="checkbox"/>
	31	MILLER, et al., "Histone deacetylase inhibitors", J Med Chem 46, 5097-5116, 2003	<input type="checkbox"/>
	32	PIEKARZ, et al., "T-cell lymphoma as a model for the use of histone deacetylase inhibitors in cancer therapy: impact of deps/peptide on molecular markers, therapeutic targets, and mechanisms of resistance", Blood, 103, 4636-4643, 2004	<input type="checkbox"/>
	33	YANG et al., "A Rationally Designed Histone Deacetylase Inhibitor with Distinct Antitumor Activity against Ovarian Cancer", Neoplasia, vol. 11, no. 6, June 2009, pp. 552-563	<input type="checkbox"/>
↓	34	LUCAS et al., "The novel deacetylase inhibitor AR-42 Demonstrates Pre-Clinical Activity in B-Cell Malignancies In Vitro and In Vivo", PLOS ONE, vol. 5, issue 6, pp 1-10, June 2010	<input type="checkbox"/>

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**EXAMINER SIGNATURE**

Examiner Signature	/Taylor Oh/ (08/23/2010)	Date Considered	08/23/2010
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- ☐ See attached certification statement.
- ☒ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.16. Please see CFR 1.4(d) for the form of the signature.

Signature	/Raymond Russell/	Date (YYYY-MM-DD)	2010-08-16
Name/Print	Raymond N. Russell	Registration Number	52185

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